Appl. No. 09/975,682
Amdt. dated June 1, 2006
Reply to Office Action of February 15, 2006

Amendments to the Specification:

Please replace the paragraph beginning at page 8, line 7, with the following rewritten

paragraph:

For example, in a system of two-users, $P(f)$ is found by solving the following equation:

$$\begin{bmatrix} 1 & P_{12}(f) \\ P_{21}(f) & 1 \end{bmatrix} \bullet \begin{bmatrix} H_{11}(f) & H_{12}(f) \\ H_{21}(f) & H_{22}(f) \end{bmatrix} = \begin{bmatrix} K_1(f) & 0 \\ 0 & K_2(f) \end{bmatrix} \qquad \text{(equation 6)}$$

or

$$\{H_{12}(f) + P_{12}(f)H_{22}(f) = 0 \qquad \Rightarrow \qquad \{P_{12}(f) = \frac{-H_{12}(f)}{H_{22}(f)}$$

$$\text{(equation 7)}$$

$$\{P_{21}(f)H_{11}(f) + H_{21}(f) = 0 \qquad \Rightarrow \qquad \{P_{21}(f) = \frac{-H_{21}(f)}{H_{11}(f)}$$

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